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VIA FACSIMILE: (571) 273-8300PATENT
DON01 P-1149

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit : 2878
Examiner : Brian J. Livedalen
Applicants : Brent J. Bos, Kenneth Schofield, Mark L. Larson and Niall R. Lynam
Serial No. : 10/823,323
Filed : April 13, 2004
For : CONTROL SYSTEM INCLUDING AN IMAGING SENSOR

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Via Facsimile: 571-273-8300

Dear Sir or Madam:

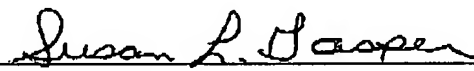
CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office on the date shown below:

1. Claims As Amended Transmittal Sheet (1 page, in duplicate)
2. Response (16 pages)

YOU SHOULD RECEIVE A TOTAL OF 19 PAGES.

Date: May 8, 2006



Susan L. Gasper
Van Dyke, Gardner, Linn & Burkhardt, LLP
2851 Charlevoix Drive, S.E., Suite 207
P.O. Box 888695
Grand Rapids, Michigan 49588-8695
(616) 975-5500

TAF/slg

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Dear Sir or Madam:

Transmitted herewith is an amendment in the above identified application.
 The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Col. 1		Col. 2	Col. 3	Small Entity		Other Than Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	Rate	Add'l Fec
Total Claims	* 45	Minus	** 31	= 14	x \$25	\$.00	x \$50	\$ 700.00
Independent Claims	* 4	Minus	*** 3	= 1	x \$100	\$.00	x \$200	\$200.00
First Presentation of Multiple Dependent Claims					\$180	\$.00	x \$360	\$ 0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$.00		\$900.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3
 ** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 *** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
 The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

1. ☐ Small entity status of this application has been established.
2. ☐ No additional Fee is required.
3. ☐ A check in the amount of \$_____ is attached.
4. ☒ Please charge the fee noted above and any additional fees or credit overpayment to Deposit Account No. 22-0190. A duplicate copy of this sheet is attached.

VAN DYKE, GARDNER, LINN & BURKHART, LLP

Date: May 8, 2006

By Timothy A. Flory
 Timothy A. Flory, Registration No. 42 540
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Dear Sir:

RESPONSE

Responsive to the Office Action mailed February 6, 2006, Applicants wish to amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 13 of this paper.

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01 FC:1202 700.00 DA
02 FC:1201 200.00 DA